GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: June 5, 2003, 12:11:37 ; Search time 14.2298 Seconds
(without alignments)
332.899 Million cell updates/sec

Title: US-09-907-263-2
Perfect score: 941
Sequence: 1 DSVCPQGKYIHPQNNSICCT.....CSNCKKSLECTKLCLPQIEN 161

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
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2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	941	100.0	161	4	US-09-326-394-2	Sequence 2, Appli
2	941	100.0	280	3	US-08-974-022-46	Sequence 46, Appl
3	941	100.0	280	4	US-08-795-445A-46	Sequence 46, Appl
4	941	100.0	280	4	US-08-795-447A-46	Sequence 46, Appl
5	941	100.0	280	4	US-08-974-186-46	Sequence 46, Appl
6	941	100.0	280	4	US-08-795-446B-46	Sequence 46, Appl
7	941	100.0	280	4	US-08-706-945D-132	Sequence 132, App
8	941	100.0	336	4	US-08-804-166-8	Sequence 8, Appli
9	941	100.0	336	4	US-08-910-991-8	Sequence 8, Appli
10	941	100.0	455	1	US-08-050-319B-25	Sequence 25, Appl
11	941	100.0	455	1	US-08-321-668-2	Sequence 2, Appli
12	941	100.0	455	1	US-08-837-941-2	Sequence 2, Appli
13	941	100.0	455	2	US-08-126-016-2	Sequence 2, Appli
14	941	100.0	455	2	US-08-465-982-25	Sequence 25, Appl
15	941	100.0	455	4	US-08-815-469-5	Sequence 5, Appli
16	941	100.0	455	4	US-09-006-353A-3	Sequence 3, Appli
17	941	100.0	455	4	US-09-527-236A-5	Sequence 5, Appli
18	941	100.0	455	4	US-08-054-970-2	Sequence 2, Appli
19	941	100.0	455	4	US-09-565-918-4	Sequence 4, Appli
20	941	100.0	455	4	US-09-573-986-3	Sequence 3, Appli
21	930.5	98.9	909	4	US-09-013-895A-4	Sequence 4, Appli
22	930.5	98.9	909	4	US-09-448-868-4	Sequence 4, Appli
23	928	98.6	285	4	US-08-804-166-6	Sequence 6, Appli
24	928	98.6	285	4	US-08-910-991-6	Sequence 6, Appli
25	925.5	98.4	453	4	US-09-086-483A-5	Sequence 5, Appli
26	924	98.2	199	1	US-08-050-319B-48	Sequence 48, Appl
27	924	98.2	199	2	US-08-465-982-48	Sequence 48, Appl
28	921	97.9	197	4	US-08-828-683A-21	Sequence 21, Appl
29	904	96.1	154	4	US-08-828-683A-12	Sequence 12, Appl
30	900	95.6	153	2	US-08-219-237B-4	Sequence 4, Appli
31	900	95.6	153	4	US-08-477-347-12	Sequence 12, Appl
32	900	95.6	153	4	US-08-476-862-3	Sequence 3, Appli
33	900	95.6	153	4	US-08-468-560C-4	Sequence 4, Appli
34	873	92.8	154	2	US-08-232-087A-10	Sequence 10, Appl
35	842.5	89.5	256	4	US-08-804-166-2	Sequence 2, Appli
36	842.5	89.5	256	4	US-08-910-991-2	Sequence 2, Appli
37	837	88.9	307	4	US-08-804-166-4	Sequence 4, Appli
38	837	88.9	307	4	US-08-910-991-4	Sequence 4, Appli
39	822	87.4	139	4	US-08-706-945D-129	Sequence 129, App
40	746	79.3	167	1	US-08-050-319B-2	Sequence 2, Appli
41	746	79.3	167	1	US-08-050-319B-57	Sequence 57, Appl
42	746	79.3	167	2	US-08-465-982-2	Sequence 2, Appli
43	746	79.3	167	2	US-08-465-982-57	Sequence 57, Appl
44	731	77.7	124	1	US-08-050-319B-4	Sequence 4, Appli
45	731	77.7	124	2	US-08-465-982-4	Sequence 4, Appli

ALIGNMENTS

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RESULT 1
US-09-326-394-2
; Sequence 2, Application US/09326394
; Patent No. 6306820
;  GENERAL INFORMATION:
;    APPLICANT:  Bendele, Alison M.
;    APPLICANT:  Sennello, Regina M.
;    APPLICANT:  Edwards, Carl K.
;    TITLE OF INVENTION:  COMBINATION THERAPY USING A TNF BINDING
;    TITLE OF INVENTION:  PROTEIN FOR TREATING TNF-MEDIATED DISEASES
;    NUMBER OF SEQUENCES:  4
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Amgen Inc.
;      STREET:  1840 DeHavilland Drive
;      CITY:  Thousand Oaks
;      STATE:  CA
;      COUNTRY:  US
;      ZIP:  91320-1789
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/326,394
;      FILING DATE:  08-DEC-1997
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 60/032,587
;      FILING DATE:  06-DEC-1996
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 60/036,355
;      FILING DATE:  23-JAN-1997
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 60/039,315
;      FILING DATE:  07-FEB-1997
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 60/052,023
;      FILING DATE:  09-JUL-1997
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Zindrick, Thomas K.
;      REGISTRATION NUMBER:  32,185
;      REFERENCE/DOCKET NUMBER:  A-430D
;  INFORMATION FOR SEQ ID NO:  2:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  161 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-09-326-394-2
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 Query Match           100.0%;  Score 941;  DB 4;  Length 161;
 Best Local Similarity  100.0%;  Pred. No. 1.6e-76;
 Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60

Qy         61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120

Qy        121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
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Db        121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161


RESULT 2
US-08-974-022-46
; Sequence 46, Application US/08974022
; Patent No. 6015938
;  GENERAL INFORMATION:
;    APPLICANT:  Boyle, Willaim J.
;    APPLICANT:  Lacey, David L.
;    APPLICANT:  Calzone, Frank J.
;    APPLICANT:  Chang, Ming-Shi
;    TITLE OF INVENTION:  OSTEOPROTEGERIN
;    NUMBER OF SEQUENCES:  53
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Amgen Inc.
;      STREET:  1840 Dehavilland Drive
;      CITY:  Thousand Oaks
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  91320-1789
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/974,022
;      FILING DATE:  12-DEC-1995
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/577,788
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Winter, Robert B.
;      REFERENCE/DOCKET NUMBER:  A-378
;  INFORMATION FOR SEQ ID NO:  46:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  280 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-974-022-46

  Query Match           100.0%;  Score 941;  DB 3;  Length 280;
  Best Local Similarity  100.0%;  Pred. No. 2.7e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         41 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 100

Qy         61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        101 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 160

Qy        121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
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Db        161 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 201


RESULT 3
US-08-795-445A-46
; Sequence 46, Application US/08795445A
; Patent No. 6284485
;  GENERAL INFORMATION:
;    APPLICANT:  Boyle, Willaim J.
;    APPLICANT:  Lacey, David L.
;    APPLICANT:  Calzone, Frank J.
;    APPLICANT:  Chang, Ming-Shi
;    TITLE OF INVENTION:  OSTEOPROTEGERIN
;    NUMBER OF SEQUENCES:  53
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Amgen Inc.
;      STREET:  1840 Dehavilland Drive
;      CITY:  Thousand Oaks
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  91320-1789
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/795,445A
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/577,788
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Winter, Robert B.
;      REFERENCE/DOCKET NUMBER:  A-378
;  INFORMATION FOR SEQ ID NO:  46:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  280 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-795-445A-46

  Query Match           100.0%;  Score 941;  DB 4;  Length 280;
  Best Local Similarity  100.0%;  Pred. No. 2.7e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         41 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 100

Qy         61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        101 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 160

Qy        121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
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Db.       161 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 201


RESULT 4
US-08-795-447A-46
; Sequence 46, Application US/08795447A
; Patent No. 6284728
;  GENERAL INFORMATION:
;    APPLICANT:  Boyle, William J.
;    APPLICANT:  Lacey, David L.
;    APPLICANT:  Calzone, Frank J.
;    APPLICANT:  Chang, Ming-Shi
;    TITLE OF INVENTION:  Osteoprotegerin
```

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;     NUMBER OF SEQUENCES:  53
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE:  Amgen Inc.
;       STREET:  One Amgen Center Drive
;       CITY:  Thousand Oaks
;       STATE:  California
;       COUNTRY:  USA
;       ZIP:  91362-1789
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.30
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/795,447A
;       FILING DATE:
;       CLASSIFICATION:  514
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Winter, Robert B.
;       REFERENCE/DOCKET NUMBER:  A-378D2
;   INFORMATION FOR SEQ ID NO:  46:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  280 amino acids
;       TYPE:  amino acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  protein
US-08-795-447A-46

  Query Match             100.0%;  Score 941;  DB 4;  Length 280;
  Best Local Similarity   100.0%;  Pred. No. 2.7e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         41 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 100

Qy         61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        101 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 160

Qy        121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
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Db        161 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 201


RESULT 5
US-08-974-186-46
; Sequence 46, Application US/08974186
; Patent No. 6284740
;  GENERAL INFORMATION:
;    APPLICANT:  Boyle, Willaim J.
;    APPLICANT:  Lacey, David L.
;    APPLICANT:  Calzone, Frank J.
;    APPLICANT:  Chang, Ming-Shi
;    TITLE OF INVENTION:  OSTEOPROTEGERIN
;    NUMBER OF SEQUENCES:  53
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Amgen Inc.
;      STREET:  1840 Dehavilland Drive
;      CITY:  Thousand Oaks
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  91320-1789
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/974,186
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/577,788
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Winter, Robert B.
;      REFERENCE/DOCKET NUMBER:  A-378
;  INFORMATION FOR SEQ ID NO:  46:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  280 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-974-186-46

  Query Match             100.0%;  Score 941;  DB 4;  Length 280;
  Best Local Similarity   100.0%;  Pred. No. 2.7e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         41 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 100

Qy         61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
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Db        101 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 160

Qy        121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
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Db        161 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 201


RESULT 6
US-08-795-446B-46
; Sequence 46, Application US/08795446B
; Patent No. 6288032
;  GENERAL INFORMATION:
;    APPLICANT:  Boyle, Willaim J.
;    APPLICANT:  Lacey, David L.
;    APPLICANT:  Calzone, Frank J.
;    APPLICANT:  Chang, Ming-Shi
;    TITLE OF INVENTION:  OSTEOPROTEGERIN
;    NUMBER OF SEQUENCES:  53
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Amgen Inc.
;      STREET:  1840 Dehavilland Drive
;      CITY:  Thousand Oaks
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  91320-1789
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/795,446B
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/577,788
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Winter, Robert B.
;      REFERENCE/DOCKET NUMBER:  A-378
;  INFORMATION FOR SEQ ID NO:  46:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  280 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-795-446B-46
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  Query Match             100.0%;  Score 941;  DB 4;  Length 280;
  Best Local Similarity   100.0%;  Pred. No. 2.7e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
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Db         41 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 100

Qy         61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
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Db        101 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 160

Qy        121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
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Db        161 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 201


RESULT 7
US-08-706-945D-132
; Sequence 132, Application US/08706945D
; Patent No. 6369027
; GENERAL INFORMATION:
;  APPLICANT: Boyle, William
;  APPLICANT:  Lacey, David
;  APPLICANT:  Calzone, Frank
;  APPLICANT:  Chang, Ming-Shi
;  TITLE OF INVENTION: Osteoprotegerin
;  FILE REFERENCE: A-378CIP
;  CURRENT APPLICATION NUMBER: US/08/706,945D
;  CURRENT FILING DATE:  1996-09-03
;  PRIOR APPLICATION NUMBER: 08/577,788
;  PRIOR FILING DATE: 1995-12-22
;  NUMBER OF SEQ ID NOS: 145
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 132
;   LENGTH: 280
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-08-706-945D-132

  Query Match             100.0%;  Score 941;  DB 4;  Length 280;
  Best Local Similarity   100.0%;  Pred. No. 2.7e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
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Db         41 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 100

Qy         61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
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Db        101 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 160

Qy        121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
              |||||||||||||||||||||||||||||||||||||||||
Db        161 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 201


RESULT 8
US-08-804-166-8
; Sequence 8, Application US/08804166.
; Patent No. 6193972
;  GENERAL INFORMATION:
;    APPLICANT:  Campbell, Robert K.
;    APPLICANT:  Jameson, Bradford A.
;    APPLICANT:  Chappel, Scott C.
;    TITLE OF INVENTION:  HYBRID PROTEINS
;    NUMBER OF SEQUENCES:  22
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  BROWDY AND NEIMARK
;      STREET:  419 Seventh Street N.W., Ste. 300
;      CITY:  Washington
;      STATE:  D.C.
;      COUNTRY:  USA
;      ZIP:  22207
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/804,166
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  60/011,936
;      FILING DATE:  20 February 1996
;      CLASSIFICATION:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Browdy, Roger L.
;      REGISTRATION NUMBER:  25,618
;      REFERENCE/DOCKET NUMBER:  CAMPBELL=2A
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (202) 628-5197
;      TELEFAX:  (202) 737-3528
;  INFORMATION FOR SEQ ID NO:  8:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  336 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-804-166-8

  Query Match             100.0%;  Score 941;  DB 4;  Length 336;
  Best Local Similarity   100.0%;  Pred. No. 3.2e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         23 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 82

Qy         61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         83 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 142

Qy        121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
              |||||||||||||||||||||||||||||||||||||||||
Db        143 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 183


RESULT 9
US-08-910-991-8
; Sequence 8, Application US/08910991
; Patent No. 6194177
;  GENERAL INFORMATION:
;    APPLICANT:  Campbell, Robert K.
;    APPLICANT:  Jameson, Bradford A.
;    APPLICANT:  Chappel, Scott C.
;    TITLE OF INVENTION:  HYBRID PROTEINS
;    NUMBER OF SEQUENCES:  22
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  BROWDY AND NEIMARK
;      STREET:  419 Seventh Street N.W., Ste. 300
;      CITY:  Washington
;      STATE:  D.C.
;      COUNTRY:  USA
;      ZIP:  22207
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/910,991
;      FILING DATE:
;      CLASSIFICATION:  530
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;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  08/804,166
;       FILING DATE:  20 February 1997
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  60/011,936
;       FILING DATE:  20 February 1996
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  YUN, Allen C.
;       REGISTRATION NUMBER:  37,971
;       REFERENCE/DOCKET NUMBER:  CAMPBELL=2B
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  (202) 628-5197
;       TELEFAX:  (202) 737-3528
;   INFORMATION FOR SEQ ID NO:  8:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  336 amino acids
;       TYPE:  amino acid
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  protein
US-08-910-991-8

  Query Match             100.0%;  Score 941;  DB 4;  Length 336;
  Best Local Similarity   100.0%;  Pred. No. 3.2e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         23 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 82

Qy         61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         83 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 142

Qy        121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
              |||||||||||||||||||||||||||||||||||||||||
Db        143 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 183


RESULT 10
US-08-050-319B-25
; Sequence 25, Application US/08050319B
; Patent No. 5633145
;  GENERAL INFORMATION:
;    APPLICANT:  M.Feldmann, P.W. Gray,
;    APPLICANT:  M.J.C. Turner, F.M Brennan
;    TITLE OF INVENTION:  Modified human TNFalpha (Tumor
;    TITLE OF INVENTION:  Necrosis Factor alpha) Receptor
;    NUMBER OF SEQUENCES:  57
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Reed & Robbins
;      STREET:  635 Bryant Street
;      CITY:  Palo Alto
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94301
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/050,319B
;      FILING DATE:  10-May-1993
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Robbins, Roberta L.
;      REGISTRATION NUMBER:  33,208
;      REFERENCE/DOCKET NUMBER:  5150-0030
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (415) 617-8999
;      TELEFAX:  (415) 327-3231
;  INFORMATION FOR SEQ ID NO:  25:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  455 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-050-319B-25

  Query Match             100.0%;  Score 941;  DB 1;  Length 455;
  Best Local Similarity   100.0%;  Pred. No. 4.3e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         41 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 100

Qy         61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        101 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 160

Qy        121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
              |||||||||||||||||||||||||||||||||||||||||
Db        161 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 201


RESULT 11
US-08-321-668-2
; Sequence 2, Application US/08321668
; Patent No. 5665859
;  GENERAL INFORMATION:
;    APPLICANT:  WALLACH, David
;    APPLICANT:  BRAKEBUSCH, Cord
;    APPLICANT:  VARFOLOMEEV, Eugene
;    APPLICANT:  BATKIN, Michael
;    TITLE OF INVENTION:  MOLECULES INFLUENCING THE SHEDDING OF
;    TITLE OF INVENTION:  THE TNF RECEPTORS, THEIR PREPARATION AND THEIR USE
;    NUMBER OF SEQUENCES:  42
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  BROWDY AND NEIMARK
;      STREET:  419 Seventh Street, N.W., Suite 300
;      CITY:  Washington
;      STATE:  D.C.
;      COUNTRY:  USA
;      ZIP:  20004
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/321,668
;      FILING DATE:  12-OCT-1994
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  IL 107268
;      FILING DATE:  12-OCT-1993
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  BROWDY, Roger L.
;      REGISTRATION NUMBER:  25,618
;      REFERENCE/DOCKET NUMBER:  WALLACH=13
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  202-628-5197
;      TELEFAX:  202-737-3528
;      TELEX:  248633
;  INFORMATION FOR SEQ ID NO:  2:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  455 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-321-668-2

  Query Match             100.0%;  Score 941;  DB 1;  Length 455;
  Best Local Similarity   100.0%;  Pred. No. 4.3e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;
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Qy          1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
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Db         41 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 100

Qy         61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        101 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 160

Qy        121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
              |||||||||||||||||||||||||||||||||||||||||
Db        161 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 201
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RESULT 12
US-08-837-941-2
; Sequence 2, Application US/08837941
; Patent No. 5766917
; GENERAL INFORMATION:
; APPLICANT: WALLACH, David
; APPLICANT: BRAKEBUSCH, Cord
; APPLICANT: VARFOLOMEEV, Eugene
; APPLICANT: BATKIN, Michael
; TITLE OF INVENTION: MOLECULES INFLUENCING THE SHEDDING OF
; TITLE OF INVENTION: THE TNF RECEPTORS, THEIR PREPARATION AND THEIR USE
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,941
; FILING DATE: 28-APR-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/321,668
; FILING DATE: 12-OCT-1994
; APPLICATION NUMBER: IL 107268
; FILING DATE: 12-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: WALLACH=13
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; TELEX: 248633
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 455 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-837-941-2

Query Match 100.0%; Score 941; DB 1; Length 455;
Best Local Similarity 100.0%; Pred. No. 4.3e-76;
Matches 161; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy          1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         41 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 100

Qy         61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        101 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 160

Qy        121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
              |||||||||||||||||||||||||||||||||||||||||
Db        161 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 201
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RESULT 13
US-08-126-016-2
; Sequence 2, Application US/08126016
; Patent No. 5811261
; GENERAL INFORMATION:
; APPLICANT: WALLACH, DAVID
; APPLICANT: NOPHAR, YARON
; APPLICANT: KEMPER, OLIVER
; APPLICANT: ENGELMANN, HARTMUT
; APPLICANT: BRAKEBUSCH, CORD
; APPLICANT: ADERKA, DAN
; TITLE OF INVENTION: EXPRESSION OF THE RECOMBINANT TUMOR
; TITLE OF INVENTION: NECROSIS FACTOR BINDING PROTEIN I (TBP-I)
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Browdy and Neimark
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/126,016
; FILING DATE: 24-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/625668
; FILING DATE: 13-DEC-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, ROGER L
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: WALLACH4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; TELEX: 248633
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 455 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-126-016-2

Query Match 100.0%; Score 941; DB 2; Length 455;
Best Local Similarity 100.0%; Pred. No. 4.3e-76;
Matches 161; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy          1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         41 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 100

Qy         61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        101 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 160

Qy        121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
              |||||||||||||||||||||||||||||||||||||||||
Db        161 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 201
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RESULT 14
US-08-465-982-25
; Sequence 25, Application US/08465982
; Patent No. 5863786
;  GENERAL INFORMATION:
;     APPLICANT:  M.Feldmann, P.W. Gray,
;     APPLICANT:  M.J.C. Turner, F.M Brennan
;     TITLE OF INVENTION:  Modified human TNFalpha (Tumor
;     TITLE OF INVENTION:  Necrosis Factor alpha) Receptor
;     NUMBER OF SEQUENCES:  57
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE:  Reed & Robbins
;       STREET:  635 Bryant Street
;       CITY:  Palo Alto
;       STATE:  California
;       COUNTRY:  USA
;       ZIP:  94301
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, version #1.25
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/465,982
;       FILING DATE:
;       CLASSIFICATION:
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/050,319
;       FILING DATE:  10-May-1993
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Robbins, Roberta L.
;       REGISTRATION NUMBER:  33,208
;       REFERENCE/DOCKET NUMBER:  5150-0030
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  (415) 617-8999
;       TELEFAX:  (415) 327-3231
;   INFORMATION FOR SEQ ID NO:  25:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  455 amino acids
;       TYPE:  amino acid
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  protein
US-08-465-982-25

  Query Match           100.0%;  Score 941;  DB 2;  Length 455;
  Best Local Similarity  100.0%;  Pred. No. 4.3e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         41 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 100

Qy         61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        101 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 160

Qy        121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
              |||||||||||||||||||||||||||||||||||||||||
Db        161 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 201


RESULT 15
US-08-815-469-5
; Sequence 5, Application US/08815469
; Patent No. 6153402
;  GENERAL INFORMATION:
;     APPLICANT:  Yu, Guo-Liang
;     APPLICANT:  Ni, Jian
;     APPLICANT:  Dixit, Vishva
;     APPLICANT:  Gentz, Reiner L.
;     APPLICANT:  Dillon, Patrick J.
;     TITLE OF INVENTION:  Death Domain Containing Receptors
;     NUMBER OF SEQUENCES:  17
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE:  Sterne, Kessler, Goldstein & Fox, P.L.L.C.
;       STREET:  1100 New York Ave., NW, Suite 600
;       CITY:  Washington
;       STATE:  DC
;       COUNTRY:  USA
;       ZIP:  20005-3934
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.30
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/815,469
;       FILING DATE:  HEREWITH
;       CLASSIFICATION:  435
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  No. 6153402 Yet Assigned
;       FILING DATE:  06-FEB-1997
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US 60/028,711
;       FILING DATE:  17-OCT-1996
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  US 60/013,285
;       FILING DATE:  12-MAR-1996
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Steffe, Eric K.
;       REGISTRATION NUMBER:  36,688
;       REFERENCE/DOCKET NUMBER:  1488.0310003/EKS/KRM
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  202-371-2600
;       TELEFAX:  202-371-2540
;   INFORMATION FOR SEQ ID NO:  5:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  455 amino acids
;       TYPE:  amino acid
;       STRANDEDNESS:  not relevant
;       TOPOLOGY:  not relevant
;     MOLECULE TYPE:  protein
US-08-815-469-5

  Query Match           100.0%;  Score 941;  DB 4;  Length 455;
  Best Local Similarity  100.0%;  Pred. No. 4.3e-76;
  Matches  161;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         41 DSVCPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRECESGSFTASENHLRHCL 100

Qy         61 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        101 SCSKCRKEMGQVEISSCTVDRDTVCGCRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQE 160

Qy        121 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 161
              |||||||||||||||||||||||||||||||||||||||||
Db        161 KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLCLPQIEN 201


Search completed: June  5, 2003, 12:17:17
Job time : 16.2298 secs
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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: June 5, 2003, 12:11:37 ; Search time 20.7702 Seconds
(without alignments)
332.899 Million cell updates/sec

Title: US-09-907-263-4
Perfect score: 1318
Sequence: 1 LPAQVAFTPYAPEPGSTCRL.....STSFLLPMGPSPPAEGSTGD 235

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	1318	100.0	235	4	US-09-326-394-4	Sequence 4, Appli
2	1318	100.0	461	4	US-09-042-785A-7	Sequence 7, Appli
3	1318	100.0	461	4	US-09-006-353A-4	Sequence 4, Appli
4	1318	100.0	461	4	US-09-573-986-4	Sequence 4, Appli
5	1312	99.5	235	4	US-09-580-235-8	Sequence 8, Appli
6	1312	99.5	235	4	US-09-580-181-8	Sequence 8, Appli
7	1312	99.5	235	4	US-09-102-530-8	Sequence 8, Appli
8	1312	99.5	461	1	US-08-385-229-2	Sequence 2, Appli
9	1312	99.5	461	2	US-08-650-000-2	Sequence 2, Appli
10	1312	99.5	461	4	US-08-477-347-3	Sequence 3, Appli
11	1312	99.5	461	4	US-08-476-862-2	Sequence 2, Appli
12	1312	99.5	461	6	5395760-2	Patent No. 5395760
13	1312	99.5	518	1	US-08-385-229-4	Sequence 4, Appli
14	1309	99.3	235	4	US-09-580-235-2	Sequence 2, Appli
15	1309	99.3	235	4	US-09-580-235-4	Sequence 4, Appli
16	1309	99.3	235	4	US-09-580-181-2	Sequence 2, Appli
17	1309	99.3	235	4	US-09-580-181-4	Sequence 4, Appli
18	1309	99.3	235	4	US-09-102-530-2	Sequence 2, Appli
19	1309	99.3	235	4	US-09-102-530-4	Sequence 4, Appli
20	1306	99.1	235	4	US-09-580-235-6	Sequence 6, Appli
21	1306	99.1	235	4	US-09-580-181-6	Sequence 6, Appli
22	1306	99.1	235	4	US-09-102-530-6	Sequence 6, Appli
23	1285	97.5	486	1	US-08-243-010-1	Sequence 1, Appli
	1156	87.7	227	3	US-08-974-022-48	Sequence 48, Appl
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		87.7	227	4	US-08-795-447A-48	Sequence 48, Appl
			227	4	US-08-974-186-48	Sequence 48, Appl
28	1156	87.7	227	4	US-08-795-446B-48	Sequence 48, Appl
29	1156	87.7	227	4	US-08-706-945D-134	Sequence 134, App
30	935	70.9	163	4	US-08-828-683A-13	Sequence 13, Appl
31	925	70.2	163	2	US-08-219-237B-5	Sequence 5, Appli
32	925	70.2	163	4	US-08-477-347-13	Sequence 13, Appl
33	925	70.2	163	4	US-08-476-862-4	Sequence 4, Appli
34	925	70.2	163	4	US-08-468-560C-5	Sequence 5, Appli
35	918.5	69.7	164	2	US-08-232-087A-9	Sequence 9, Appli
36	735	55.8	474	2	US-08-650-000-4	Sequence 4, Appli
37	735	55.8	474	4	US-09-042-785A-8	Sequence 8, Appli
38	735	55.8	474	6	5395760-4	Patent No. 5395760
39	683	51.8	120	3	US-08-974-022-42	Sequence 42, Appl
40	683	51.8	120	4	US-08-795-445A-42	Sequence 42, Appl
41	683	51.8	120	4	US-08-795-447A-42	Sequence 42, Appl
42	683	51.8	120	4	US-08-974-186-42	Sequence 42, Appl
43	683	51.8	120	4	US-08-795-446B-42	Sequence 42, Appl
44	683	51.8	120	4	US-08-706-945D-120	Sequence 120, App
45	453	34.4	77	4	US-08-866-545-2	Sequence 2, Appli

ALIGNMENTS

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RESULT 1
US-09-326-394-4
; Sequence 4, Application US/09326394
; Patent No. 6306820
;  GENERAL INFORMATION:
;    APPLICANT:  Bendele, Alison M.
;    APPLICANT:  Sennello, Regina M.
;    APPLICANT:  Edwards, Carl K.
;    TITLE OF INVENTION:  COMBINATION THERAPY USING A TNF BINDING
;    TITLE OF INVENTION:  PROTEIN FOR TREATING TNF-MEDIATED DISEASES
;    NUMBER OF SEQUENCES:  4
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Amgen Inc.
;      STREET:  1840 DeHavilland Drive
;      CITY:  Thousand Oaks
;      STATE:  CA
;      COUNTRY:  US
;      ZIP:  91320-1789
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/326,394
;      FILING DATE:  08-DEC-1997
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 60/032,587
;      FILING DATE:  06-DEC-1996
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 60/036,355
;      FILING DATE:  23-JAN-1997
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 60/039,315
;      FILING DATE:  07-FEB-1997
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 60/052,023
;      FILING DATE:  09-JUL-1997
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Zindrick, Thomas K.
;      REGISTRATION NUMBER:  32,185
;      REFERENCE/DOCKET NUMBER:  A-430D
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  235 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-09-326-394-4
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Query Match 100.0%; Score 1318; DB 4; Length 235;
Best Local Similarity 100.0%; Pred. No. 3.2e-98;
Matches 235; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy        121 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASRDAVCTS 180
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Db        121 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASRDAVCTS 180

Qy        181 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 235
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Db        181 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 235
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RESULT 2
US-09-042-785A-7
; Sequence 7, Application US/09042785A
; Patent No. 6194151
; GENERAL INFORMATION:
; APPLICANT: Busfield, Samantha J
; TITLE OF INVENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
; TITLE OF INVENTION: AND USES THEREFOR
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/042,785A
; FILING DATE: 17-MAR-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/938,896
; FILING DATE: 26-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mandragouras, Amy E
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: MEI-001CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 461 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: internal
US-09-042-785A-7

Query Match 100.0%; Score 1318; DB 4; Length 461;
Best Local Similarity 100.0%; Pred. No. 6.7e-98;
Matches 235; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db         83 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRK 142

Qy        121 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASRDAVCTS 180
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Db        143 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASRDAVCTS 202

Qy        181 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 235
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Db        203 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 257
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RESULT 3
US-09-006-353A-4
; Sequence 4, Application US/09006353A
; Patent No. 6261801
; GENERAL INFORMATION:
; APPLICANT: WEI, YING-FEI
; APPLICANT: YU, GUO-LIANG
; APPLICANT: GENTZ, REINER
; APPLICANT: RUBEN, STEVEN
; TITLE OF INVENTION: TUMOR NECROSIS FACTOR RECEPTOR 5
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HUMAN GENOME SCIENCES, INC.
; STREET: 9410 KEY WEST AVENUE
; CITY: ROCKVILLE
; STATE: MD
; COUNTRY: US
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/006,353A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BROOKES, ANDERS A
; REGISTRATION NUMBER: 36,373
; REFERENCE/DOCKET NUMBER: PF341
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (301) 309-8504
; TELEFAX: (301) 309-8512
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 461 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-006-353A-4

Query Match 100.0%; Score 1318; DB 4; Length 461;
Best Local Similarity 100.0%; Pred. No. 6.7e-98;
Matches 235; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db         23 LPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCSPGQHAKVFCTKTSDTVCDSCEDST 82

Qy         61 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRK 120
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Db         83 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRK 142

Qy        121 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASRDAVCTS 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        143 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASRDAVCTS 202

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RESULT 4
US-09-573-986-4
; Sequence 4, Application US/09573986
; Patent No. 6455040
; GENERAL INFORMATION:
;  APPLICANT:  Wei, Ying-Fei
;  APPLICANT:  Ni, Jian
;  APPLICANT:  Gentz, Reiner
;  APPLICANT:  Ruben, Steven
;  TITLE OF INVENTION:  Tumor Necrosis Factor Receptor 5
;  FILE REFERENCE:  1488.1280004
;  CURRENT APPLICATION NUMBER: US/09/573,986
;  CURRENT FILING DATE:  2000-05-18
;  NUMBER OF SEQ ID NOS:  27
;  SOFTWARE:  PatentIn Ver. 2.1
; SEQ ID NO 4
;   LENGTH: 461
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-573-986-4

  Query Match             100.0%;  Score 1318;  DB 4;  Length 461;
  Best Local Similarity   100.0%;  Pred. No. 6.7e-98;
  Matches  235;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 LPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCSPGQHAKVFCTKTSDTVCDSCEDST 60
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Db         23 LPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCSPGQHAKVFCTKTSDTVCDSCEDST 82

Qy         61 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRK 120
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Db         83 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRK 142

Qy        121 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASRDAVCTS 180
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Qy        181 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 235
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Db        203 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 257

RESULT 5
US-09-580-235-8
; Sequence 8, Application US/09580235
; Patent No. 6433158
;  GENERAL INFORMATION:
;    APPLICANT:  Pettit, Dean
;    TITLE OF INVENTION:  Site Specific Protein Modification
;    NUMBER OF SEQUENCES:  8
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Janis C Henry
;      STREET:  51 University
;      CITY:  Seattle
;      STATE:  WA
;      COUNTRY:  US
;      ZIP:  98101
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/580,235
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  09/102,530
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Henry, Janis C
;      REGISTRATION NUMBER:  34,347
;      REFERENCE/DOCKET NUMBER:  2637
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (206)470-4189
;  INFORMATION FOR SEQ ID NO:  8:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  235 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-09-580-235-8

  Query Match             99.5%;  Score 1312;  DB 4;  Length 235;
  Best Local Similarity   99.6%;  Pred. No. 9.6e-98;
  Matches  234;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 LPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCSPGQHAKVFCTKTSDTVCDSCEDST 60
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Qy         61 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRK 120
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Db         61 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRK 120

Qy        121 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASRDAVCTS 180
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Db        121 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASMDAVCTS 180

Qy        181 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 235
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Db        181 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 235

RESULT 6
US-09-580-181-8
; Sequence 8, Application US/09580181
; Patent No. 6441136
;  GENERAL INFORMATION:
;    APPLICANT:  Pettit, Dean
;    TITLE OF INVENTION:  Site Specific Protein Modification
;    NUMBER OF SEQUENCES:  8
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Janis C Henry
;      STREET:  51 University
;      CITY:  Seattle
;      STATE:  WA
;      COUNTRY:  US
;      ZIP:  98101
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/580,181
;      FILING DATE:  26-MAY-2000
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 09/102,530
;      FILING DATE:  22-JUN-1998
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Henry, Janis C
;      REGISTRATION NUMBER:  34,347
;      REFERENCE/DOCKET NUMBER:  2637
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (206)470-4189
;  INFORMATION FOR SEQ ID NO:  8:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  235 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
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;    MOLECULE TYPE:  protein
US-09-580-181-8

  Query Match             99.5%;  Score 1312;  DB 4;  Length 235;
  Best Local Similarity   99.6%;  Pred. No. 9.6e-98;
  Matches  234;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 LPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCSPGQHAKVFCTKTSDTVCDSCEDST 60
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Qy         61 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRK 120
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Db         61 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRK 120

Qy        121 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASRDAVCTS 180
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Db        121 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASMDAVCTS 180

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RESULT 7
US-09-102-530-8
; Sequence 8, Application US/09102530
; Patent No. 6451986
;  GENERAL INFORMATION:
;    APPLICANT:  Pettit, Dean
;    TITLE OF INVENTION:  Site Specific Protein Modification
;    NUMBER OF SEQUENCES:  8
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Janis C Henry
;      STREET:  51 University
;      CITY:  Seattle
;      STATE:  WA
;      COUNTRY:  US
;      ZIP:  98101
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/102,530
;      FILING DATE:
;      CLASSIFICATION:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Henry, Janis C
;      REGISTRATION NUMBER:  34,347
;      REFERENCE/DOCKET NUMBER:  2637
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (206)470-4189
;  INFORMATION FOR SEQ ID NO:  8:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  235 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-09-102-530-8

  Query Match             99.5%;  Score 1312;  DB 4;  Length 235;
  Best Local Similarity   99.6%;  Pred. No. 9.6e-98;
  Matches  234;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 LPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCSPGQHAKVFCTKTSDTVCDSCEDST 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 LPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCSPGQHAKVFCTKTSDTVCDSCEDST 60

Qy         61 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRK 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRK 120

Qy        121 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASRDAVCTS 180
              |||||||||||||||||||||||||||||||||||||||||||||||||| ||||||
Db        121 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASMDAVCTS 180

Qy        181 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 235
              |||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 235


RESULT 8
US-08-385-229-2
; Sequence 2, Application US/08385229
; Patent No. 5605690
;  GENERAL INFORMATION:
;    APPLICANT:  Jacobs, Cindy A.
;    APPLICANT:  Smith, Craig A.
;    TITLE OF INVENTION:  Method of Treating TNF-Dependent
;    TITLE OF INVENTION:  Inflammation Using Tumor Necrosis Factor Antagonists
;    NUMBER OF SEQUENCES:  5
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Immunex Corporation
;      STREET:  51 University Street
;      CITY:  Seattle
;      STATE:  Washington
;      COUNTRY:  U.S.A.
;      ZIP:  98101
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/385,229
;      FILING DATE:
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US/07/946,236
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Wight, Christopher L.
;      REGISTRATION NUMBER:  31,680
;      REFERENCE/DOCKET NUMBER:  2503
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (206) 587-0430
;      TELEFAX:  (206) 587-0606
;  INFORMATION FOR SEQ ID NO:  2:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  461 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-385-229-2

  Query Match             99.5%;  Score 1312;  DB 1;  Length 461;
  Best Local Similarity   99.6%;  Pred. No. 2e-97;
  Matches  234;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 LPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCSPGQHAKVFCTKTSDTVCDSCEDST 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         23 LPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCSPGQHAKVFCTKTSDTVCDSCEDST 82

Qy         61 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRK 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         83 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRK 142

Qy        121 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASRDAVCTS 180
              |||||||||||||||||||||||||||||||||||||||||||||||||| ||||||
Db        143 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASMDAVCTS 202

Qy        181 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 235
              |||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        203 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 257
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RESULT 9
US-08-650-000-2
; Sequence 2, Application US/08650000
; Patent No. 5945397
;  GENERAL INFORMATION:
;    APPLICANT:  Smith, Craig A.
;    APPLICANT:  Goodwin, Raymond G.
;    APPLICANT:  Beckmann, M. Patricia
;    TITLE OF INVENTION:  Tumor Necrosis Factor Receptors
;    NUMBER OF SEQUENCES:  4
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Immunex Corporation
;      STREET:  51 University Street
;      CITY:  Seattle
;      STATE:  Washington
;      COUNTRY:  U.S.A.
;      ZIP:  98101
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/650,000
;      FILING DATE:
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/468,453
;      FILING DATE:
;      APPLICATION NUMBER:  US/08/038,765
;      FILING DATE:
;      APPLICATION NUMBER:  US 403,241
;      FILING DATE:  05-SEP-1989
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 405,370
;      FILING DATE:  11-SEP-1989
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 421,417
;      FILING DATE:  13-OCT-1989
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 523,635
;      FILING DATE:  10-MAY-1990
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Wight, Christopher L.
;      REGISTRATION NUMBER:  31,680
;      REFERENCE/DOCKET NUMBER:  2501-D
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (206) 587-0430
;      TELEFAX:  (206) 233-0644
;  INFORMATION FOR SEQ ID NO:  2:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  461 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-650-000-2

  Query Match           99.5%;  Score 1312;  DB 2;  Length 461;
  Best Local Similarity  99.6%;  Pred. No. 2e-97;
  Matches  234;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 LPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCSPGQHAKVFCTKTSDTVCDSCEDST 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         23 LPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCSPGQHAKVFCTKTSDTVCDSCEDST 82

Qy         61 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRK 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         83 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRK 142

Qy        121 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASRDAVCTS 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        143 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASMDAVCTS 202

Qy        181 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 235
              |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        203 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 257


RESULT 10
US-08-477-347-3
; Sequence 3, Application US/08477347
; Patent No. 6232446
;  GENERAL INFORMATION:
;    APPLICANT:  WALLACH, David
;    APPLICANT:  BIGDA, Jacek
;    APPLICANT:  BELETSKY, Igor
;    APPLICANT:  METT, Igor
;    TITLE OF INVENTION:  TNF LIGANDS
;    NUMBER OF SEQUENCES:  17
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  BROWDY AND NEIMARK
;      STREET:  419 Seventh Street, N.W.
;      CITY:  Washington
;      STATE:  D.C.
;      COUNTRY:  USA
;      ZIP:  20004
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/477,347
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/115,685
;      FILING DATE:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  IL 106271
;      FILING DATE:  08-JUL-1993
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Townsend, G. Kevin
;      REGISTRATION NUMBER:  34,033
;      REFERENCE/DOCKET NUMBER:  WALLACH=10
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  202-628-5197
;      TELEFAX:  202-737-3528
;      TELEX:  248633
;  INFORMATION FOR SEQ ID NO:  3:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  461 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-477-347-3

  Query Match           99.5%;  Score 1312;  DB 4;  Length 461;
  Best Local Similarity  99.6%;  Pred. No. 2e-97;
  Matches  234;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 LPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCSPGQHAKVFCTKTSDTVCDSCEDST 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         23 LPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCSPGQHAKVFCTKTSDTVCDSCEDST 82

Qy         61 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRK 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         83 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRK 142

Qy        121 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASRDAVCTS 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        143 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASMDAVCTS 202

Qy        181 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 235
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Db        203 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 257


RESULT 11
US-08-476-862-2
; Sequence 2, Application US/08476862
; Patent No. 6262239
;  GENERAL INFORMATION:
;    APPLICANT:  WALLACH, David
;    APPLICANT:  BIGDA, Jacek
;    APPLICANT:  BELETSKY, Igor
;    APPLICANT:  METT, Igor
;    APPLICANT:  ENGELMANN, Hartmut
;    TITLE OF INVENTION:  TNF INHIBITORS
;    NUMBER OF SEQUENCES:  8
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  BROWDY AND NEIMARK
;      STREET:  419 Seventh Street, N.W.
;      CITY:  Washington
;      STATE:  D.C.
;      COUNTRY:  USA
;      ZIP:  20004
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/476,862
;      FILING DATE:  07-JUN-1995
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  IL 107267
;      FILING DATE:  12-OCT-1993
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  IL 94039
;      FILING DATE:  06-APR-1990
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  IL 91229
;      FILING DATE:  06-AUG-1989
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  IL 90339
;      FILING DATE:  18-MAY-1989
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  BROWDY, Roger L.
;      REGISTRATION NUMBER:  25,618
;      REFERENCE/DOCKET NUMBER:  WALLACH=12A
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  202-628-5197
;      TELEFAX:  202-737-3528
;  INFORMATION FOR SEQ ID NO:  2:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  461 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-476-862-2

  Query Match             99.5%;  Score 1312;  DB 4;  Length 461;
  Best Local Similarity   99.6%;  Pred. No. 2e-97;
  Matches  234;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 LPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCSPGQHAKVFCTKTSDTVCDSCEDST 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         23 LPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCSPGQHAKVFCTKTSDTVCDSCEDST 82

Qy         61 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRK 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         83 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRK 142

Qy        121 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASRDAVCTS 180
              |||||||||||||||||||||||||||||||||||||||||||||||||||||| ||||||

Db        143 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASMDAVCTS 202

Qy        181 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 235
              |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        203 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 257


RESULT 12
5395760-2
;Patent No. 5395760
;    APPLICANT: SMITH, CRAIG A.;GOODWIN, RAYMOND G.;BECKMANN,
;M. PATRICIA
;    TITLE OF INVENTION: DNA ENCODING TUMOR NECROSIS FACTOR-a AND
;B-RECEPTORS
;    NUMBER OF SEQUENCES: 17
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/07/523,635
;      FILING DATE: 10-MAY-1990
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER: 421,417
;      FILING DATE: 13-OCT-1989
;      APPLICATION NUMBER: 405,370
;      FILING DATE: 11-SEP-1989
;      APPLICATION NUMBER: 403,241
;      FILING DATE: 05-SEP-1989
;SEQ ID NO:2:
;      LENGTH: 461
5395760-2

  Query Match             99.5%;  Score 1312;  DB 6;  Length 461;
  Best Local Similarity   99.6%;  Pred. No. 2e-97;
  Matches  234;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 LPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCSPGQHAKVFCTKTSDTVCDSCEDST 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         23 LPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCSPGQHAKVFCTKTSDTVCDSCEDST 82

Qy         61 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRK 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         83 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRK 142

Qy        121 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASRDAVCTS 180
              |||||||||||||||||||||||||||||||||||||||||||||||||||||| ||||||

Db        143 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASMDAVCTS 202

Qy        181 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 235
              |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        203 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 257


RESULT 13
US-08-385-229-4
; Sequence 4, Application US/08385229
; Patent No. 5605690
;  GENERAL INFORMATION:
;    APPLICANT:  Jacobs, Cindy A.
;    APPLICANT:  Smith, Craig A.
;    TITLE OF INVENTION:  Method of Treating TNF-Dependent
;    TITLE OF INVENTION:  Inflammation Using Tumor Necrosis Factor Antagonists
;    NUMBER OF SEQUENCES:  5
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Immunex Corporation
;      STREET:  51 University Street
;      CITY:  Seattle
;      STATE:  Washington
;      COUNTRY:  U.S.A.
;      ZIP:  98101
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
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;      APPLICATION NUMBER:  US/08/385,229
;      FILING DATE:
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US/07/946,236
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Wight, Christopher L.
;      REGISTRATION NUMBER:  31,680
;      REFERENCE/DOCKET NUMBER:  2503
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (206) 587-0430
;      TELEFAX:  (206), 587-0606
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  518 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-08-385-229-4

  Query Match             99.5%;  Score 1312;  DB 1;  Length 518;
  Best Local Similarity   99.6%;  Pred. No. 2.3e-97;
  Matches  234;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 LPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCSPGQHAKVFCTKTSDTVCDSCEDST 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         52 LPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCSPGQHAKVFCTKTSDTVCDSCEDST 111

Qy         61 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRK 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        112 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRK 171

Qy        121 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASRDAVCTS 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||| ||||||
Db        172 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASMDAVCTS 231

Qy        181 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 235
              |||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        232 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 286


RESULT 14
US-09-580-235-2
; Sequence 2, Application US/09580235
; Patent No. 6433158
;  GENERAL INFORMATION:
;    APPLICANT:  Pettit, Dean
;    TITLE OF INVENTION:  Site Specific Protein Modification
;    NUMBER OF SEQUENCES:  8
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Janis C Henry
;      STREET:  51 University
;      CITY:  Seattle
;      STATE:  WA
;      COUNTRY:  US
;      ZIP:  98101
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/580,235
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  09/102,530
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Henry, Janis C
;      REGISTRATION NUMBER:  34,347
;      REFERENCE/DOCKET NUMBER:  2637
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (206)470-4189
;  INFORMATION FOR SEQ ID NO:  2:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  235 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-09-580-235-2

  Query Match             99.3%;  Score 1309;  DB 4;  Length 235;
  Best Local Similarity   99.1%;  Pred. No. 1.7e-97;
  Matches  233;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 LPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCSPGQHAKVFCTKTSDTVCDSCEDST 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 LPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCSPGQHAKVFCTKTSDTVCDSCEDST 60

Qy         61 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRK 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||:|||||||||||
Db         61 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSRQEGCRLCAPLRK 120

Qy        121 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASRDAVCTS 180
              |||||||||||||||||||||||||||||||||||||||||||||||||||| ||||||
Db        121 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASMDAVCTS 180

Qy        181 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 235
              |||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 235


RESULT 15
US-09-580-235-4
; Sequence 4, Application US/09580235
; Patent No. 6433158
;  GENERAL INFORMATION:
;    APPLICANT:  Pettit, Dean
;    TITLE OF INVENTION:  Site Specific Protein Modification
;    NUMBER OF SEQUENCES:  8
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Janis C Henry
;      STREET:  51 University
;      CITY:  Seattle
;      STATE:  WA
;      COUNTRY:  US
;      ZIP:  98101
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/580,235
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  09/102,530
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Henry, Janis C
;      REGISTRATION NUMBER:  34,347
;      REFERENCE/DOCKET NUMBER:  2637
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (206)470-4189
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  235 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-09-580-235-4

  Query Match             99.3%;  Score 1309;  DB 4;  Length 235;
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Best Local Similarity 99.1%; Pred. No. 1.7e-97;
Matches 233; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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Db          1 LPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCSPGQHAKVFCTKTSDTVCDSCEDST 60

Qy         61 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRK 120
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Db         61 YTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCRPGWYCALSKQEGCRLCAPLRR 120

Qy        121 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASRDAVCTS 180
              |||||||||||||||||||||||||||||||||||||||||||||||||||| ||||||
Db        121 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQICNVVAIPGNASMDAVCTS 180

Qy        181 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 235
              |||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 TSPTRSMAPGAVHLPQPVSTRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGD 235
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Search completed: June 5, 2003, 12:17:18
Job time : 21.7702 secs